

## NOTICE:

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Medical Chemical Corp.  
19340 Van Ness Ave.  
Torrance, CA 90501  
Phone (310)787-6800  
FAX (310)787-4464

The following information is believed to be correct but is not warranted as such, nor does it purport to be all inclusive.

### Section 1 - Shipping Data

*Description:* An aqueous solution of a quaternary ammonium compound.

*DOT Shipping name:* Not regulated

*Telephone Number for Information:* (310)829-4304

*DOT Hazard Class:* Not regulated

*Emergency Telephone Number:* (800)424-9300

*DOT Identification Number:* Not applicable

*Prepared By:* P.B.

*Date:* Oct. 1, 2001

### Section II - Hazardous Ingredients/Identity Information

| Ingredients      | CAS#      | OSHA Pel | ACGIH TLV | %         |
|------------------|-----------|----------|-----------|-----------|
| BTC 8358         |           |          |           | 0.13% w/v |
| sodium carbonate | 417-19-8  |          |           | 0.42% w/v |
| sodium nitrite   | 7632-00-0 |          |           | 0.23% w/v |

### Section III - Physical/Chemical Characteristics

*Boiling Point:* 100°C

*Specific Gravity:* 1.00

*Vapor pressure (mm Hg):* 18 @ 20° C

*Evaporation Rate (water = 1):* 1

*Vapor Density (air = 1):* 0.6

*Solubility In Water:* complete

*Appearance and Odor:* Clear pink solution. Characteristic odor of quaternary ammonium compound.

### Section IV - Fire and Explosion Hazard Data

*Flash Point (method used):* Not applicable

*Flammable Limits:* Not applicable

*Extinguishing Media:* Not applicable.

*Special Fire Fighting Procedures:* Not applicable

*Unusual Fire And Explosion Hazards:* Pyrolysis will release toxic and corrosive nitrous oxides and ammoniacal compounds.

### Section V - Reactivity Data

*Stability:* The material is stable

*Conditions To Avoid:* Heat

*Incompatibilities:* Nothing unusual.

*Precautions To Be Taken In Handling And Storage:* Store at room temperature.

### Section VI - Health Hazard Data

*Routes of Entry*

*Inhalation?*

*Skin?*

*Ingestion?*

no

no

yes

*Health Hazards (Acute and Chronic):* The health effects of quaternary ammonium compounds have not been adequately investigated. However, the manufacturer is unaware of any untoward health effects associated with exposure to low levels of quats. Some individuals may be sensitive.

*Carcinogenicity?*

*NTP?*

*IARC Monographs?*

*OSHA Regulated*

no

no

no

no

*Signs and Symptoms Of Exposure:* The manufacturer is unaware of any unusual health effects from this product.

*Medical Conditions Generally Aggravates By Exposure:* The manufacturer is unaware of any.

*Emergency And First Aid Procedures:* In case of eye contact, flush with water for at least 15 minutes and get medical attention if irritation persists. In case of skin contact, remove contaminated clothing and flush with water. get medical attention if irritation persists. In case of ingestion do not induce vomiting if patient is unconscious or extremely drowsy. Otherwise administer 2 glasses of water and induce vomiting. Get immediate medical attention even if symptoms improve.

### Section VII - Precautions For Safe Handling And Use

*Steps To Be Taken In Case Of Spill Or Release:* Absorb with a suitable absorbent (such as paper towels) and dispose.

*Waste Disposal Method:* Usually not restricted but local ordinances vary. Insure compliance with all government regulations.

## **Section VIII - Control Measures**

*respiratory Protection:* Not required

*Ventilation:* Ordinary general ventilation is usually sufficient.

*Protective Gloves:* Not required.

*Eye Protection:* Not required but laboratory safety goggles or similar products are recommended as part of good laboratory practice.

*Other protective Clothing Or Equipment:* Not required.

*Work/hygienic Practices:* Wash well after handling, especially before eating or smoking.

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